| <br>f Claims |
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| Application No. | Applicant(s) |
|-----------------|--------------|
| 10/091,156      | AMERY ET AL. |
| Examiner        | Art Unit     |
| Jeff Piziali    | 2673         |

| / | Rejected | -   | (Through numeral)<br>Cancelled |
|---|----------|-----|--------------------------------|
| = | Allowed  | ٠١٠ | Restricted                     |

| N | Non-Elected  | Α | Appeal   |
|---|--------------|---|----------|
| I | Interference | o | Objected |

| Claim             | Date     |               |              |               |                |          | Date Claim Date   |           |                        |          |             |   |  |            | 1         | Cla      | aim      | _          |          |          |          | Date     |          |          |          | _        |          |          |           |
|-------------------|----------|---------------|--------------|---------------|----------------|----------|-------------------|-----------|------------------------|----------|-------------|---|--|------------|-----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
|                   |          |               |              |               |                |          | 7                 | 1         |                        | T        |             | $\top$  | T  | ĬΠ         | $\neg$    | $\top$   | 1        | — <u>"</u> |          |          |          |          | ΠÌ       |          |          |          |          | _        |           |
| Final<br>Original | 4/26/05  | - 1           |              |               |                |          |                   |           | <u></u>                | Original |             | -   |  |            |           |          |          | 1          | =        | Original |          |          |          |          |          |          |          |          |           |
| Final             | 18       |               |              |               |                |          |                   |           | Final                  | ğ        |             | - 1   |  |            |           |          |          |            | Final    | igi      |          |          |          |          |          |          |          |          |           |
| "   ō             | 4        |               | -            |               | Ιİ             |          | - 1               |           | "-                     | ō        |             | i   |  |            | 1 1       | - 1      |          |            | "        | õ        |          |          |          |          |          |          |          |          |           |
|                   |          |               | +-           | 4-            | -              | -        | -                 | -         | <b></b>                |          | $\vdash$    | -   | -  | ╨          | $\vdash$  | 4        |          | 1 1        |          |          |          |          |          |          | _        | _        | _        | _        |           |
| 1                 | V        |               | +            |               | $\vdash$       | $\dashv$ | _                 | 4         |                        | 51       |             | $\dashv$  |  | <u> </u>   | $\square$ |          | _ _      | 1 1        |          | 101      |          |          |          |          |          |          | $\dashv$ | _        |           |
| 2                 | V        |               | ╄            | _             | Ш              |          |                   | 4         |                        | 52       |             |   |  |            | Ш         |          | $\perp$  | 1 1        |          | 102      |          |          |          |          | - 1      |          |          |          | i         |
| 3                 | 1        |               |              |               |                |          |                   | _         |                        | 53       | Ш           |   |  |            |           |          |          | ] [        |          | 103      |          |          |          | 1        |          | _        |          |          |           |
| 4                 | ✓        |               |              | ┸             |                |          |                   |           |                        | 54       |             |   |  |            |           |          |          | ] [        | _        | 104      |          |          |          |          |          | П        |          | П        |           |
| 5                 |          |               |              |               |                |          |                   | ╛         | L                      | 55       |             |   |  |            |           |          |          | ] [        |          | 105      |          |          |          |          |          | $\neg$   | T        | $\neg$   |           |
| 6                 | ✓        |               |              |               |                |          |                   |           |                        | 56       |             |   |  |            |           | Т        |          | 1 [        |          | 106      |          |          |          |          |          |          |          |          | $\neg$    |
| 7                 | 1        |               |              |               |                |          |                   |           |                        | 57       | П           |   |  |            |           | $\neg$   |          | 1 [        |          | 107      |          |          |          |          | $\neg$   |          |          |          |           |
| 8                 | <b>V</b> |               |              |               |                |          | $\Box$            |           |                        | 58       | П           |   |  |            |           | $\neg$   |          | 1 1        |          | 108      |          |          |          |          |          | $\neg$   |          | $\neg$   | $\neg$    |
| 9                 | 1        | $\neg \vdash$ |              |               |                |          | Т                 | 7         |                        | 59       |             |   |  |            |           | T        | $\neg$   | 1 1        |          | 109      |          |          |          |          |          | 寸        |          | $\neg$   | $\exists$ |
| 10                | <b>√</b> |               | Т            |               | П              |          | $\neg$            | 7         |                        | 60       |             |   |  | <b>†</b> " |           | $\neg$   | $\top$   | 1 1        |          | 110      |          |          |          |          | $\dashv$ | $\neg$   | $\dashv$ | _        |           |
| 11                | 1        | $\neg \vdash$ |              |               | П              | $\dashv$ | $\neg$            | 7         |                        | 61       |             | $\dashv$  | 1  | $\vdash$   |           | $\dashv$ |          | 1          | $\vdash$ | 111      |          |          | -        | $\dashv$ | -        | -        | +        | ᆉ        | $\dashv$  |
| 12                | 1        | $\top$        | $\top$       | $\top$        | П              | $\neg$   | $\neg \uparrow$   | 1         |                        | 62       | $\vdash$    | 十   | $\top$   | 1          |           | 十        | $\dashv$ | 1          | $\vdash$ | 112      | $\dashv$ |          |          | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$  |
| 13                | 1        | $\neg \vdash$ | $\top$       | $\Box$        | $\vdash$       | $\dashv$ | $\dashv$          | $\exists$ |                        | 63       | $\vdash$    | $\dashv$  | +-   | $\vdash$   | $\vdash$  | $\dashv$ | +        | 1 }        |          | 113      | $\vdash$ | -        | -        | -        | -        | $\dashv$ | $\dashv$ | +        | $\dashv$  |
| 14                | V        | $\neg \vdash$ | T            | 1             | $\vdash$       | $\dashv$ | $\dashv$          | ┪         |                        | 64       | $\vdash$    | +   | -  |            | $\vdash$  | $\dashv$ |          | 1 }        |          | 114      | -        | -1       | $\dashv$ | -        | -        | -+       | $\dashv$ | $\dashv$ |           |
| 15                | V        | $\dashv$      | †            | $\vdash$      | П              | $\dashv$ | +                 | ┨ .       |                        | 65       |             | $\dashv$  | $\dashv$   |            | $\dashv$  | +        | +        | 1 }        | $\vdash$ | 115      | $\dashv$ |          | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | -        | $\dashv$  |
| 16                | V        |               | $\top$       | $\forall$     | $\vdash$       | +        |                   | ┪         |                        | 66       | $\vdash$    | +   | +  | $\vdash$   |           | +        | +-       | † †        |          | 116      | $\dashv$ |          | -        | -        | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
| 17                | V        | $\vdash$      | $\top$       | $\vdash$      | H              | $\dashv$ |                   | ┪         |                        | 67       | $\vdash$    | +   | +  | $\vdash$   |           | $\dashv$ | +-       | 1 }        |          | 117      | $\vdash$ | -        |          | $\dashv$ | $\dashv$ |          | +        |          | $\dashv$  |
| 18                | V        |               | +-           | $\vdash$      | $\vdash$       | $\dashv$ | -                 | ┥         |                        | 68       | ┝╼┼         |   | +-   | $\vdash$   | $\dashv$  | $\dashv$ | +        | {          |          | 118      | -        | _        | $\dashv$ |          | $\dashv$ | -        |          | -        | $\dashv$  |
| 19                | V        | +             | +            | +             | $\vdash$       | $\dashv$ | -+                | ┨         |                        | 69       | ┞╼╂         | +   | +  | $\vdash$   | $\vdash$  | $\dashv$ | -        | ┨          |          |          |          |          | -        | -        | $\dashv$ | $\dashv$ | -        | $\dashv$ | -         |
| 20                | 7        | +             | +-           | ╂─            | Н              | $\dashv$ |                   | 4         |                        | 70       |             | +   | +  | -          | $\dashv$  | +        | - -      | ┨ . ┞      |          | 119      |          |          | -        | -        | _        | _        |          | _        | _         |
| 21                |          |               | +            | +             | $\vdash$       | -        | +                 | -         |                        |          | $\vdash$    | -   | -  | $\vdash$   |           | +        | -        | 1 }        |          | 120      |          |          | _        | _        | _        | _        | $\dashv$ | _        | _         |
| 22                | 1        | -             | ╁            | +             | $\vdash\vdash$ | $\dashv$ | -+                | 4         |                        | 71       | $\vdash$    | -+  | -  | -          | _         | _        |          | 1 1        |          | 121      | _        |          | _        | _        | _        | _        | _        | _        | _         |
| 23                | 1        | -             | -            | -             | H              | -        | -                 | 4         | <u> </u>               | 72       | $\vdash$    |   |  | $\vdash$   | _         | - -      |          | 1          |          | 122      | _        |          | _        | _        | _        | _        | _        | _        |           |
|                   | √,       |               | +            | $\vdash$      | -              | $\dashv$ |                   |           | -                      | 73       | $\vdash$    |   | +  | ш          |           |          |          | 1          |          | 123      |          |          | _        | _        |          | _        | _        | _        |           |
| 24                | <b>√</b> |               | +-           | -             | -              | $\dashv$ | 4                 | 4         | <u></u>                | 74       | $\sqcup$    | -   |  | Ш          |           | _        |          | 1 1        |          | 124      | _        |          |          |          | _        |          | _        | $\perp$  |           |
| 25                | $\vdash$ | _             | ╀-           | $\sqcup$      | $\square$      | -        |                   | _         |                        | 75       | $\vdash$    | $\perp$   |  |            |           | 4        |          | 1 1        |          | 125      |          |          | $\sqcup$ |          |          |          |          |          |           |
| 26                | $\vdash$ |               | $\perp$      | $\perp$       | Ш              | _        |                   | 4         |                        | 76       | $\Box$      | _   |  | Ш          |           |          | _ _      | 1          |          | 126      | $\Box$   |          |          |          |          |          |          |          |           |
| 27                | Ш        |               | _            | $\sqcup$      |                | 4        |                   | _         | <u></u>                | 77       | Ш           |   | Ш  | Ш          |           |          |          | l          |          | 127      |          |          |          |          |          |          |          |          |           |
| 28                | $\Box$   |               |              | Ш             | Щ              |          | $\perp$           | _         | L                      | 78       |             |   | Щ.   | L.         |           |          |          |            |          | 128      |          |          |          | [        |          |          |          |          |           |
| 29                | Ш        |               |              | Ш             |                |          | $\perp$           |           |                        | 79       |             |   |  |            |           |          |          | ] [        |          | 129      |          |          |          |          |          | Ĭ        |          |          |           |
| 30                |          |               | $\downarrow$ | Ш             |                |          |                   |           |                        | 80       |             |   |  |            |           |          |          | ] [        |          | 130      |          |          |          |          |          | Ť        |          |          |           |
| 31                |          |               |              |               |                |          |                   |           |                        | 81       |             |   |  |            |           |          |          | ] [        |          | 131      |          |          | Ī        |          |          | Ī        | $\neg$   |          |           |
| 32                | $\sqcup$ |               |              |               | Ш              |          |                   | ╛         |                        | 82       |             | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |  |            | _T        | $\Box T$ |          | ] [        |          | 132      |          |          | 一        |          |          |          |          | $\neg$   | $\neg$    |
| 33                |          |               |              |               | Ш              |          |                   | ╛         |                        | 83       |             | $\Box$  | $oldsymbol{ol}}}}}}}}}}}}}}$ | $\Box$     | _7        |          |          | ] [        |          | 133      |          | 一        | $\neg$   |          | $\neg$   |          | 7        | $\neg$   | $\neg$    |
| 34                |          |               |              | Ш             |                |          | $\Box \mathbb{I}$ | J         |                        | 84       |             | $\Box$  |  |            |           | $\Box$   |          | ] [        |          | 134      | $\neg$   |          | 一        | 寸        | $\neg$   | 一        | $\dashv$ | 7        | $\dashv$  |
| 35                | $\Box$   |               |              | $\Box$        |                | $\Box$   | $\Box \Gamma$     | _]        |                        | 85       |             |   |  | П          |           |          | Т        |            | •        | 135      | $\neg$   | 一        | $\neg$   | $\neg$   | $\neg$   | $\dashv$ | $\neg$   | 7        | $\neg$    |
| 36                |          |               |              | $\Box$        |                | J        |                   | 7         |                        | 86       |             |   |  | П          |           | 7        |          | 1          |          | 136      | 一        | $\neg$   | $\neg$   |          | 1        | _        | _        | $\dashv$ | $\dashv$  |
| 37                |          |               |              | П             |                | $\neg$   |                   | 7         |                        | 87       |             | _   |  | П          | $\neg$    | T        | _        | 1          |          | 137      | $\dashv$ | ᅥ        | -        |          | 1        | +        | $\dashv$ | 7        | $\dashv$  |
| 38                |          | T             | Τ            | П             |                | $\dashv$ |                   | ٦         |                        | 88       |             | $\top$  | 1  | П          | $\neg$    | $\top$   | $\top$   |            |          | 138      | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$  |
| 39                |          | $\top$        | Τ            | П             |                | 寸        |                   | ٦         | П                      | 89       | $\Box$      | 1   | _  | П          | $\dashv$  | $\top$   | $\top$   | 1 1        | $\neg$   | 139      | 一        | $\dashv$ | -        | -        | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$  |
| 40                |          | $\neg$        | $\top$       | П             |                | $\dashv$ | $\neg$            | ٦         | П                      | 90       | $\vdash$    | $\dashv$  | $\top$   | П          | $\dashv$  | $\dashv$ | $\top$   | 1 1        |          | 140      | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | +        | -        | $\dashv$ | $\dashv$  |
| 41                | $\Box$   | $\neg$        | 1            | $\sqcap$      |                | 7        | $\neg$            | 7         | $\vdash$               | 91       | $\vdash$    | 十   | 1  | Н          | $\dashv$  | $\dashv$ | +        | 1 }        |          | 141      | -+       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$  |
| 42                |          | 一             | 1            | $\sqcap$      | $\sqcap$       | 7        | $\neg$            | 7         |                        | 92       | -           | $\dashv$  | $\top$   | Н          | -         | +        | +        | 1 }        |          | 142      | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$  |
| 43                | $\neg$   | _ _           | †            | П             | П              | _        |                   | ┥ .       | $\vdash$               | 93       | $\vdash$    | _   | +  | Н          | $\dashv$  | +        | +-       |            |          | 143      | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | $\dashv$  |
| 44                | $\vdash$ | 1             | +            | П             | $\vdash$       | $\dashv$ | $\dashv$          | ┪         | $\vdash$               | 94       | $\dashv$    | +   | +  | $\vdash$   | $\dashv$  | ╅        | +        | ╽├         |          | 144      |          |          | $\dashv$ | $\dashv$ | $\dashv$ | -+       | $\dashv$ | ┥        | $\dashv$  |
| 45                | $\vdash$ | +             | +            | $\vdash$      | $\vdash$       | _        | $\dashv$          | -         | $\vdash$               | 95       | $\dashv$    | $\dashv$  | +  | Н          | $\dashv$  | +        | +-       | <b> </b>   |          | 145      | $\dashv$ | -        | $\dashv$ | -        | $\dashv$ | +        | $\dashv$ | +        | $\dashv$  |
| 46                | $\vdash$ |               | +            | ┌┤            | $\vdash$       | $\dashv$ | -                 | 4         |                        | 96       | +           | +   | +  | $\vdash$   | $\dashv$  | +        | +        | ╽╶├        |          | 146      |          |          | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$  |
| 47                | $\vdash$ | +             | $\vdash$     | +             | $\vdash$       | _        |                   | ┨         | $\vdash \vdash \vdash$ | 97       | +           | +   | +  | $\vdash$   | $\dashv$  | +        | +        | { }        |          | 147      |          |          |          | -        | $\dashv$ | +        | $\dashv$ | $\dashv$ |           |
| 48                | -        | $\dashv$      | +-           | <del>  </del> | $\dashv$       | -+       | -                 | 4         |                        | 98       | <del></del> | $\dashv$  | +  | $\vdash$   | $\dashv$  | -+-      | +-       | <b> </b>   |          | 148      | -        | $\dashv$ |           |
| 49                | +        | +-            | +-           | $\vdash$      | -              | $\dashv$ |                   | $\dashv$  |                        | 99       | -           | +   | +-   | H          | +         | +        | +-       | -          |          | 140      | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | -        | +        |          |           |
| 50                | $\dashv$ | +             | +            |               |                | $\dashv$ | +                 | -         | $\vdash$               | 100      | +           | +   | +-   | ┝╌┤        |           | +        | +        | -          |          | 149      |          |          | -        | -        |          | $\dashv$ |          | $\dashv$ |           |
| L                 |          |               | <u> </u>     |               |                |          |                   |           | Ц                      | 100      |             | i_  | ــــــــــــــــــــــــــــــــــــــ   | ш          |           |          |          | ı L        |          | 150      |          |          |          |          |          |          |          | L        |           |